

SMS Sensor Alert® (SMS-SA)

Features

- No network or landline connection needed
- No software to install
- Fast and easy installation

Cloud-based data storage

The SMS Sensor Alert® data is stored on a secure data center site and kept private. Logged data can be displayed in a graph, CSV, HTML, displayed in a spreadsheet, or download the data.

Daily Status Notification

A message can be automatically sent daily to confirm that the SMS Sensor Alert® is connected to a cell tower and a sensor status report. This function can be disabled at any time.

City Power Monitor

The SMS Sensor Alert® detects when main power is lost. If power is lost the unit automatically switches to internal batteries in order to send a text alert.

Buzzer Alarm

A small buzzer inside the housing can be used to alert local personnel of an issue. The buzzer can be disabled if silent operation is required.



Available Sensors:

- Temperature Sensor (SMS-TS)
- Security Sensor (SMS-SS)
- Dry Contact Sensor (SMS-DC)



MADE IN USA

Specifications

Sensor Inputs:

- Temperature
- Contact Closures
- GPS Position
- Power supply on
- Backup battery condition

Power: 120-240 VAC, 12VDC or 9VDC

Size: 5"W x 5"H x 1.5"D

Alarm Functions:

- High temperature
- Low temperature
- User-defined limits via keypad
- Contact open/closed
- Mains Power on/off
- Low back up battery

Cellular Modem:

- Quad-band 850-/900/1800/1900mHz
- SMS and packet data channel via GSM/GPRS
- GPRS multi-slot class 10/8 GPRS mobile station class B Compliant to GSM phase 2/2+ Class 4 (2 W @850/900 MHz) Class 1(1 W @1800/1900 MHz)

Antenna: Half-wave, local or remote, SMA thread

Controls: 16 button, keyboard, LCD backlit display

Indicators:

- Cell connection (green), Sensor Activity (green), Fault (red), Backup battery low (red)

Backup Battery: Auto-enable, 25 hours Software

Update:

- Over-the-air or local SIM Card: AT&T, T-Mobile, or TelCel (Mexico) FCC Approval: Part 15a, 15b

Logging: Continuous at user-selectable intervals

Logging Intervals: 1 minute to weekly

User Types: Administrator, manager, user

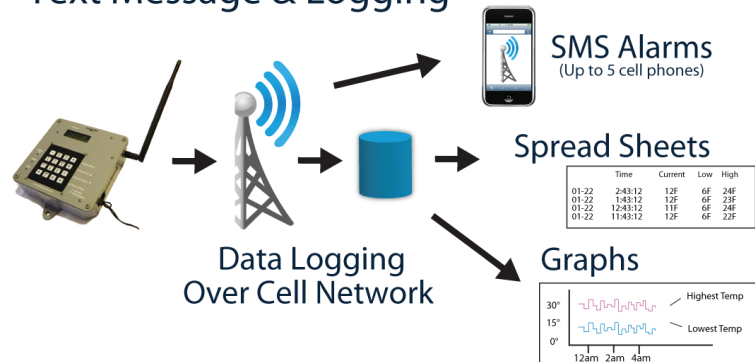
Data Protocol: UDP, error checked

Database: MySQL, auto scalable

Graphing: Continuous, auto scale, high, low, last value

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Text Message & Logging



Applications

- Half-wave, local or remote, SMA thread
- Remote site monitoring
- Freezer, refrigerator, chiller, cold storage room monitoring
- Physical access control monitoring
- Environmental monitoring
- Power outage detection

Benefits

- Optimize cooling efficiency to decrease energy costs
- Access real-time data and reports from any network at any time
- Quickly identify and correct cooling issues before they cause damage to climate sensitive inventory